

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant(s) : Lorz et al.  
Serial No. : 09/674,817  
Int. Appn. NO : PCT/EP99/03141  
For : NUCLEIC ACID MOLECULES WHICH CODE FOR  
ENZYMES DERIVED FROM WHEAT AND WHICH ARE  
INVOLVED IN THE SYNTHESIS OF STARCH  
Filed : November 6, 2000  
Int. Filing Date : May 07, 1999

745 Fifth Avenue, New York, NY 10151

**EXPRESS MAIL**

Mailing Label Number: EL585030123 US

Date of Deposit: April 06, 2001

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" Service under 37 CFR 1.10 on the date indicated above and is addressed to the Honorable Commissioner of Patents and Trademarks, Box PCT Washington, DC 20231.

Edward Nay  
(Typed or printed name of person mailing paper or fee)

  
(Signature of person mailing paper or fee)

**COMMUNICATION**

ATTENTION: Pat Booker, Paralegal  
Commissioner for Patents  
Box PCT  
Washington, D.C. 20231

Dear Sir:

A Notification of Missing Requirements was issued on March 29, 2001, for the above-identified patent application with a request to submit the sequence listing.

However, a sequence listing was forwarded for filing on December 18, 2000. Copies of Sequence Listing (CRF on diskette as well as the paper form) and the accompanying documents filed are enclosed.

In view of the foregoing, it is believed that the identified application is now complete. Early examination of the application on its merits is solicited. The Assistant Commissioner is hereby authorized to charge any fees under 37 C.F.R. §§1.16, 1.17, or 1.21 that may be required by this response, or to credit any overpayment, to Deposit Account No.:50-0320.

Respectfully submitted,  
FROMMER LAWRENCE & HAUG LLP

By: Susan Schhardt

(212) 588-0800

Enc. - Copy of Sequence Listing (CRF AND Paper) and accompanying documents;  
- Copy of Notice to File Missing Requirements.



## UNITED STATES PATENT AND TRADEMARK OFFICE

Commissioner for Patents, Box PCT  
United States Patent and Trademark Office  
Washington, D.C. 20231  
www.uspto.govU.S. APPLICATION NO. 09/674817  
2001 MAR 31 P 12-07  
FIRST NAMED APPLICANT  
ATTY. DOCKET NO. 514413 3849LORZ  
FROMMER, LAWRENCE  
& HAUG, LLP

H

INTERNATIONAL APPLICATION NO.

PCT/EP99/03141

WILLIAM F LAWRENCE  
745 FIFTH AVENUE  
NEW YORK, NY 10151

I.A. FILING DATE

PRIORITY DATE

07 MAY 99

08 MAY 98

DOCKETED

DATE MAILED: 29 MAR 2001

**NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)**1. The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as ☐ a Designated Office (37 CFR 1.494) ☒ an Elected Office (37 CFR 1.495):

- |  |  |
|--|--|
| <input checked="" type="checkbox"/> U.S. Basic National Fee.   | <input type="checkbox"/> Indication of Small Entity Status.                                    |
| <input checked="" type="checkbox"/> Copy of the international application.   | <input checked="" type="checkbox"/> Translation of the international application into English. |
| <input type="checkbox"/> Oath or Declaration of inventors(s).  | <input type="checkbox"/> Translation of Article 19 amendments into English.                    |
| <input type="checkbox"/> Copy of Article 19 amendments.  | <input type="checkbox"/> Other:  |
| <input checked="" type="checkbox"/> Priority Document.   |  |
| <input checked="" type="checkbox"/> The International Preliminary Examination Report in English and its Annexes, if any. |  |
| <input type="checkbox"/> Translation of Annexes to the International Preliminary Examination Report into English.        |  |

2. ☐ Applicant has requested early processing under 35 U.S.C. 371(f) but has not filed the following indicated items and/or the indicated items in paragraph 3 below. The Basic National Fee and the copy of the international application must be filed prior to 20 or 30 months from the priority date to avoid abandonment.

- |   |   |
|---|---|
| <input type="checkbox"/> U.S. Basic National Fee. | <input type="checkbox"/> Copy of the international application. |
|---|---|

3. The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- ☐ a. Translation of the application into English. A processing fee will be required if submitted later than the appropriate 20 or 30 months from the priority date.
- ☐ The current translation is defective for the reasons indicated on the attached Notice of Defective Translation.
- ☐ b. Processing fee for providing the translation of the application and/or the Annexes later than the appropriate 20 or 30 months from the priority date (37 CFR 1.492(f)).
- ☐ c. Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), properly identifying the application (preferably by the International application number and international filing date). A surcharge will be required if submitted later than the appropriate 20 or 30 months from the priority date.
- ☐ The current oath or declaration does not comply with 37 CFR 1.497(a) and (b) for the reasons indicated on the attached PCT/DO/EO/917.
- ☐ d. Surcharge for providing the oath or declaration later than the appropriate 20 or 30 months from the priority date (37 CFR 1.492(e)).

4. Additional claim fees of \$ 1000.00 as a ☐ large entity ☐ small entity, including any required multiple dependent claim fee, are required. Applicant must submit the additional claim fees or cancel the additional claims for which fees are due (37 CFR 1.492(g)). See attached PTO-875.5. ☒ Applicant has not submitted the required sequence listing pursuant to 37 CFR 1.821-1.825. See attached PCT/DO/EO/920.**ALL OF THE ITEMS SET FORTH IN 3(a)-3(d), 4 AND 5 ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 22 OR 32 MONTHS (where 37 CFR 1.495 applies) FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.**

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

6. If box 3a or 3c is checked, a translation of the Annexes **MUST** be submitted no later than the time period set above or the Annexes will be cancelled. A processing fee will be required if submitted later than 20 or 30 months from the priority date.
7. ☐ The Article 19 amendments are cancelled since a translation was not provided by the appropriate 20 (37 CFR 1.494(d)) or 30 (37 CFR 1.495(d)) months from the priority date.

Applicant is reminded that any communication to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above. (37 CFR 1.5)

***A copy of this notice MUST be returned with this response.***Enclosed: ☐ PCT/DO/EO/917 ☐ Notice of Defective Translation  
☐ PTO-875 ☐ PCT/DO/EO/920

Pat Booker, Paralegal

FORM PCT/DO/EO/905 (March 2001)

Telephone: 703-305-3738



## UNITED STATES PATENT AND TRADEMARK OFFICE

Commissioner for Patents, Box PCT  
United States Patent and Trademark Office  
Washington, D.C. 20231  
www.uspto.gov

U.S. APPLICATION NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
09/674817	LORZ	H 514413 3849
INTERNATIONAL APPLICATION NO.		
PCT/EP99/03141		
I.A. FILING DATE	PRIORITY DATE	
07 MAY 99	08 MAY 98	
DATE MAILED: 29 MAR 2001		

WILLIAM F LAWRENCE  
745 FIFTH AVENUE  
NEW YORK, NY 10151**NOTIFICATION TO COMPLY WITH REQUIREMENTS FOR PATENT APPLICATIONS  
CONTAINING NUCLEOTIDE SEQUENCE AND/OR AMINO ACID SEQUENCE  
DISCLOSURES**

Applicant has submitted papers under 35 U.S.C. 371 to enter the national stage in the United States of America. The items indicated below, however, are missing. The period within which to correct the deficiency noted below and avoid abandonment is set forth in the accompanying Notification.

The nucleotide and/or amino acid sequence disclosure contained in this application does not comply with the requirements for such a disclosure as set forth in 37 CFR 1.821-1.825 for the following reason(s):

- ☒ The application fails to comply with the requirements of 37 CFR 1.821-1.825.
- ☐ This application does not contain, a "Sequence Listing" as a separate part of the disclosure on paper copy or compact disc, as required by 37 CFR 1.821(c).
- ☐ A copy of the "Sequence Listing" in computer readable format has not been submitted as required by 37 CFR 1.821(e).
- ☐ A copy of the "Sequence Listing" in computer readable form has been submitted. The content of the computer readable form, however, does not comply with the requirements of 37 CFR 1.822 and/or 1.832, as indicated on the attached marked-up copy of the "Raw Sequence Listing."
- ☐ The computer readable form that has been filed with this application has been found to be damaged and/or unreadable as indicated on the attached CRF Diskette Problem Report. A substitute computer readable form must be submitted as required by 37 CFR 1.825(d).
- ☐ The paper copy or compact disc of the "Sequence Listing" is not the same as the computer readable form of the "Sequence Listing" as required by 37 CFR 1.821(e).
- ☐ Other: \_\_\_\_\_

**APPLICANT MUST PROVIDE:**

- ☒ An initial or substitute computer readable form (CRF) of the "Sequence Listing."
- ☐ An initial or substitute paper copy or compact disc of the "Sequence Listing," as well as an amendment directing its entry into the specification.
- ☐ A statement that the contents of the paper or compact disc and the computer readable form are the same and, where applicable, include no new matter, as required by 37 CFR 1.821(e), 1.821(f), 1.821(g), 1.825(b) or 1.825(d).

**FOR QUESTIONS REGARDING COMPLIANCE WITH THESE REQUIREMENTS, PLEASE  
CALL:**

(703) 308-4216, for Rules interpretation,  
(703) 308-4212, for CRF submission help,  
(703) 287-0200, for PatentIn software help.

Pat Booker, Paralegal

Telephone: 703-305-3738